

Digital - Hot Air Oven - Warm

Introduction:

GENESIS (GLSi®) Digital Hot Air Oven - Warm series are specially designed to achieve extreme dryness by evaporating all moisture contents from the biomass or other material. Microprocessor control helps in achieving precise high temperature with forced convection. Suitable for varied applications in laboratories and scientific research institutions.

Standard Features:

- Temp Range: RT +10°C to 250°C.
- Temp Sensor: PT-100.
- Temp Controller: Digital controller
- Display: LED/LCD.
- Uniformity: Low noise fan for temperature uniformity.
- Aero dynamic internal design for achieving horizontal air circulation.
- Insulation: High quality thick Glass or Ceramic blanket.
- Standard Shelf: Yes.
- Internal chamber ensures easy cleaning & prevents any leakage.
- Energy efficient tubular heater.
- Nominal Voltage: 220 - 230 Volts, 50 Hz Single Phase.
- CE certified.

Standard Utilities Required:

- Inner Chamber is 304 Stainless Steel.
- Cold rolling steel electrostatic spraying exterior.
- Intelligent temperature controller with digital controller.
- Forced air circulation for uniformity of temperature.
- Digital timer and over temperature protection.
- Door with double layer tampered glass for observation.
- Door with silicone rubber seal ensures good stability.
- To dry glass wares, evaporate chemicals, carryout chemical reactions at elevated temperature.



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Temperature range	Ambient + 10°C to 250°C (Standard).
Temperature Sensitivity	± 1.0°C or Better.
Temperature Sensor	PT-100.
Temperature Controller	Microprocessor based PID controller.
Display	7 Segment LED Dual Display.
Inner Chamber	Made of Stainless Steel 304.
Outer Chamber	Made of Mild Steel with powder coating.
Insulation	Suitable insulation.

All electrical appliances work on 230VAC, 50Hz, single phase. Other Voltages available on request.
Due to continuous improvement in design, the product supplied may have modified features.

Model	Capacity L / CuFt	Internal Dimension W/D/H	Shelves	Heater
#24070DM	70 / 2.5	12 x 12 x 14 inch	1 No.	1 kW.
#24090DM	90 / 3.2	15 x 15 x 18 inch	2 Nos.	1 kW.
#24113DM	113 / 4	18 x 18 x 24 inch	2 Nos.	1.6 kW.
#24170DM	170 / 6	20 x 20 x 30 inch	2 Nos.	1.6 kW.
#24227DM	227 / 8	22 x 22 x 30 inch	3 Nos.	2 kW.
#24283DM	283 / 10	24 x 24 x 30 inch	3 Nos.	2 kW.
#24340DM	340 / 12	24 x 24 x 36 inch	3 Nos.	2.4 kW.

▪ Content may be subject to modifications or corrections.